

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062922\
 Data File : VY009372.D
 Acq On : 29 Jun 2022 14:33
 Operator : KP/MD
 Sample : VY0629SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0629SBS01

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 07/01/2022
 Supervised By : Mahesh Dadoda 07/01/2022

Quant Time: Jun 29 17:43:50 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062822S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 29 17:35:34 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.783	168	139051	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	225263	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	208596	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	110161	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	55686	49.999	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 100.000%			
35) Dibromofluoromethane	7.710	113	60345	48.673	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 97.340%			
50) Toluene-d8	10.173	98	188295	49.536	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 99.080%			
62) 4-Bromofluorobenzene	12.477	95	91191	50.583	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 101.160%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	24686	21.564	ug/l	96
3) Chloromethane	2.107	50	24870	19.966	ug/l	99
4) Vinyl Chloride	2.241	62	30124	20.906	ug/l	97
5) Bromomethane	2.625	94	20017	21.649	ug/l	98
6) Chloroethane	2.778	64	16822	21.896	ug/l	99
7) Trichlorofluoromethane	3.113	101	41845	21.889	ug/l	99
8) Diethyl Ether	3.521	74	15702	21.022	ug/l	88
9) 1,1,2-Trichlorotrifluo...	3.893	101	28427	20.745	ug/l	95
10) Methyl Iodide	4.082	142	31261	20.783	ug/l	91
11) Tert butyl alcohol	4.930	59	30656	150.900	ug/l #	91
12) 1,1-Dichloroethene	3.857	96	24235	19.388	ug/l	93
13) Acrolein	3.723	56	9330	100.372	ug/l	100
14) Allyl chloride	4.466	41	45904	20.042	ug/l	95
15) Acrylonitrile	5.155	53	43983	103.945	ug/l	99
16) Acetone	3.942	43	39652	108.406	ug/l	90
17) Carbon Disulfide	4.180	76	67412	19.388	ug/l	100
18) Methyl Acetate	4.466	43	22417	21.040	ug/l	94
19) Methyl tert-butyl Ether	5.216	73	77276	20.614	ug/l	98
20) Methylene Chloride	4.704	84	36502	17.128	ug/l	85
21) trans-1,2-Dichloroethene	5.210	96	29973	20.029	ug/l	91
22) Diisopropyl ether	6.112	45	105199	21.764	ug/l	95
23) Vinyl Acetate	6.051	43	325495	107.497	ug/l	98
24) 1,1-Dichloroethane	6.009	63	56197	20.679	ug/l	98
25) 2-Butanone	6.984	43	61050	105.278	ug/l	92
26) 2,2-Dichloropropane	6.972	77	53152	20.665	ug/l	96
27) cis-1,2-Dichloroethene	6.978	96	35982	20.696	ug/l	93
28) Bromochloromethane	7.326	49	23685	20.297	ug/l	94
29) Tetrahydrofuran	7.338	42	39914	107.359	ug/l	97
30) Chloroform	7.502	83	58743	21.032	ug/l	93
31) Cyclohexane	7.777	56	49878	19.911	ug/l	95
32) 1,1,1-Trichloroethane	7.691	97	51249	20.490	ug/l	99
36) 1,1-Dichloropropene	7.911	75	44049	20.320	ug/l	99
37) Ethyl Acetate	7.070	43	25969	20.201	ug/l #	95
38) Carbon Tetrachloride	7.893	117	45600	20.125	ug/l	97
39) Methylcyclohexane	9.179	83	51939	20.244	ug/l	91
40) Benzene	8.155	78	129621	20.447	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.295	41	13743	18.923	ug/l #	40
42) 1,2-Dichloroethane	8.234	62	37963	20.876	ug/l	92
43) Isopropyl Acetate	8.271	43	49203	20.846	ug/l	94
44) Trichloroethene	8.935	130	35670	20.251	ug/l	92
45) 1,2-Dichloropropane	9.209	63	33730	21.005	ug/l	91
46) Dibromomethane	9.301	93	19210	20.882	ug/l	97
47) Bromodichloromethane	9.490	83	45754	21.002	ug/l	98
48) Methyl methacrylate	9.289	41	22314	21.930	ug/l	92
49) 1,4-Dioxane	9.289	88	5069	395.291	ug/l	93
51) 4-Methyl-2-Pentanone	10.063	43	134769	110.744	ug/l	93
52) Toluene	10.240	92	85329	21.334	ug/l	95
53) t-1,3-Dichloropropene	10.459	75	43577	19.996	ug/l	98
54) cis-1,3-Dichloropropene	9.923	75	53096	20.406	ug/l	91
55) 1,1,2-Trichloroethane	10.642	97	25409	20.760	ug/l	96
56) Ethyl methacrylate	10.502	69	34224	21.907	ug/l	90
57) 1,3-Dichloropropane	10.788	76	45766	21.108	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.776	63	88445	102.252	ug/l	97
59) 2-Hexanone	10.831	43	93167	110.828	ug/l	93
60) Dibromochloromethane	10.977	129	32097	20.722	ug/l	98
61) 1,2-Dibromoethane	11.087	107	25035	20.374	ug/l	99
64) Tetrachloroethene	10.715	164	39763	20.475	ug/l	98
65) Chlorobenzene	11.514	112	92961	20.828	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.587	131	34183	20.879	ug/l	97
67) Ethyl Benzene	11.587	91	160614	20.743	ug/l	99
68) m/p-Xylenes	11.703	106	128232	41.417	ug/l	93
69) o-Xylene	12.026	106	59614	20.403	ug/l	92
70) Styrene	12.038	104	101175	20.900	ug/l	96
71) Bromoform	12.203	173	19247	18.710	ug/l #	97
73) Isopropylbenzene	12.325	105	158072	19.427	ug/l	99
74) N-amyl acetate	12.142	43	46142	21.619	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.581	83	31673	20.095	ug/l	98
76) 1,2,3-Trichloropropane	12.630	75	28619m	22.184	ug/l	
77) Bromobenzene	12.605	156	37455	19.310	ug/l	97
78) n-propylbenzene	12.666	91	198353	20.040	ug/l	98
79) 2-Chlorotoluene	12.752	91	109911	19.673	ug/l	96
80) 1,3,5-Trimethylbenzene	12.806	105	135286	19.882	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.374	75	11445	19.752	ug/l	88
82) 4-Chlorotoluene	12.849	91	114307	19.688	ug/l	95
83) tert-Butylbenzene	13.075	119	114536	20.035	ug/l	94
84) 1,2,4-Trimethylbenzene	13.117	105	135120	20.897	ug/l	97
85) sec-Butylbenzene	13.251	105	179827	20.885	ug/l	100
86) p-Isopropyltoluene	13.367	119	150151	20.737	ug/l	98
87) 1,3-Dichlorobenzene	13.361	146	78304	20.434	ug/l	100
88) 1,4-Dichlorobenzene	13.447	146	80009	20.290	ug/l	97
89) n-Butylbenzene	13.696	91	136915	20.125	ug/l	98
90) Hexachloroethane	13.959	117	28170	19.623	ug/l	91
91) 1,2-Dichlorobenzene	13.739	146	68401	19.681	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	5220	19.761	ug/l	85
93) 1,2,4-Trichlorobenzene	15.001	180	39983	19.380	ug/l	99
94) Hexachlorobutadiene	15.111	225	23593	20.371	ug/l	99
95) Naphthalene	15.233	128	72242	17.489	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	35346	19.720	ug/l	99

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(#) = qualifier out of range (m) = manual integration (+) = signals summed

